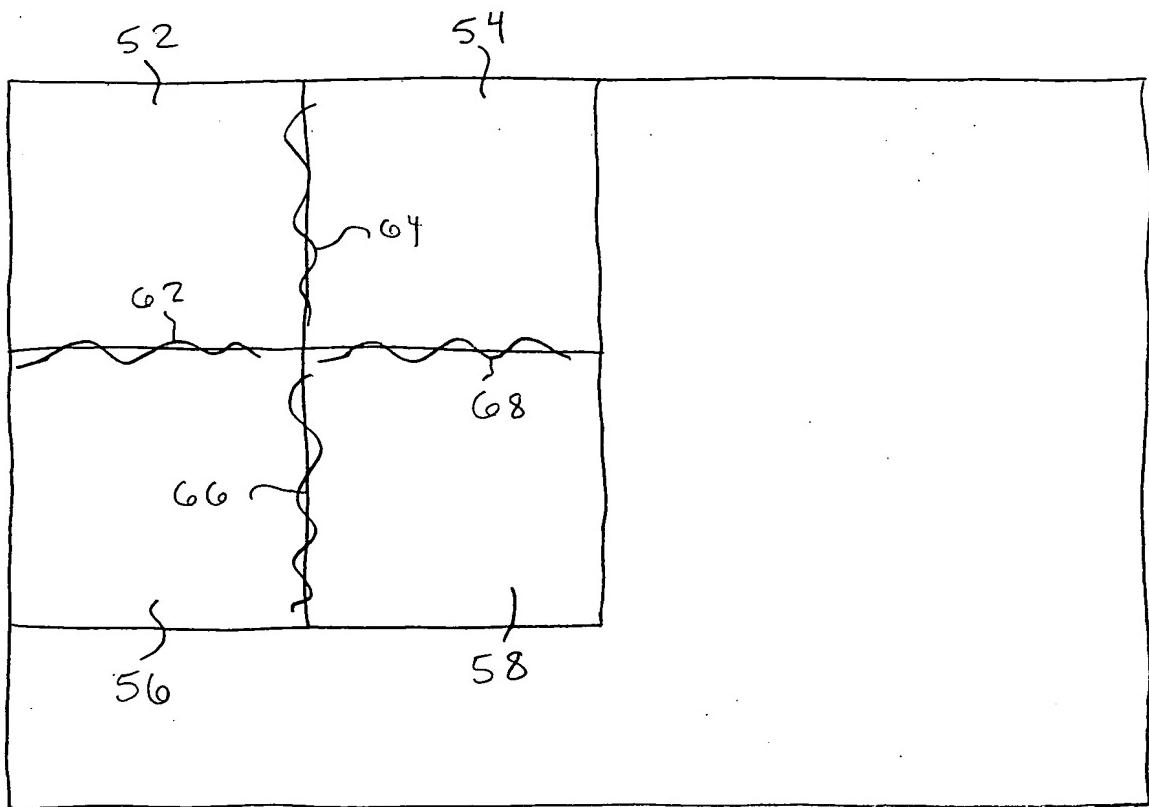
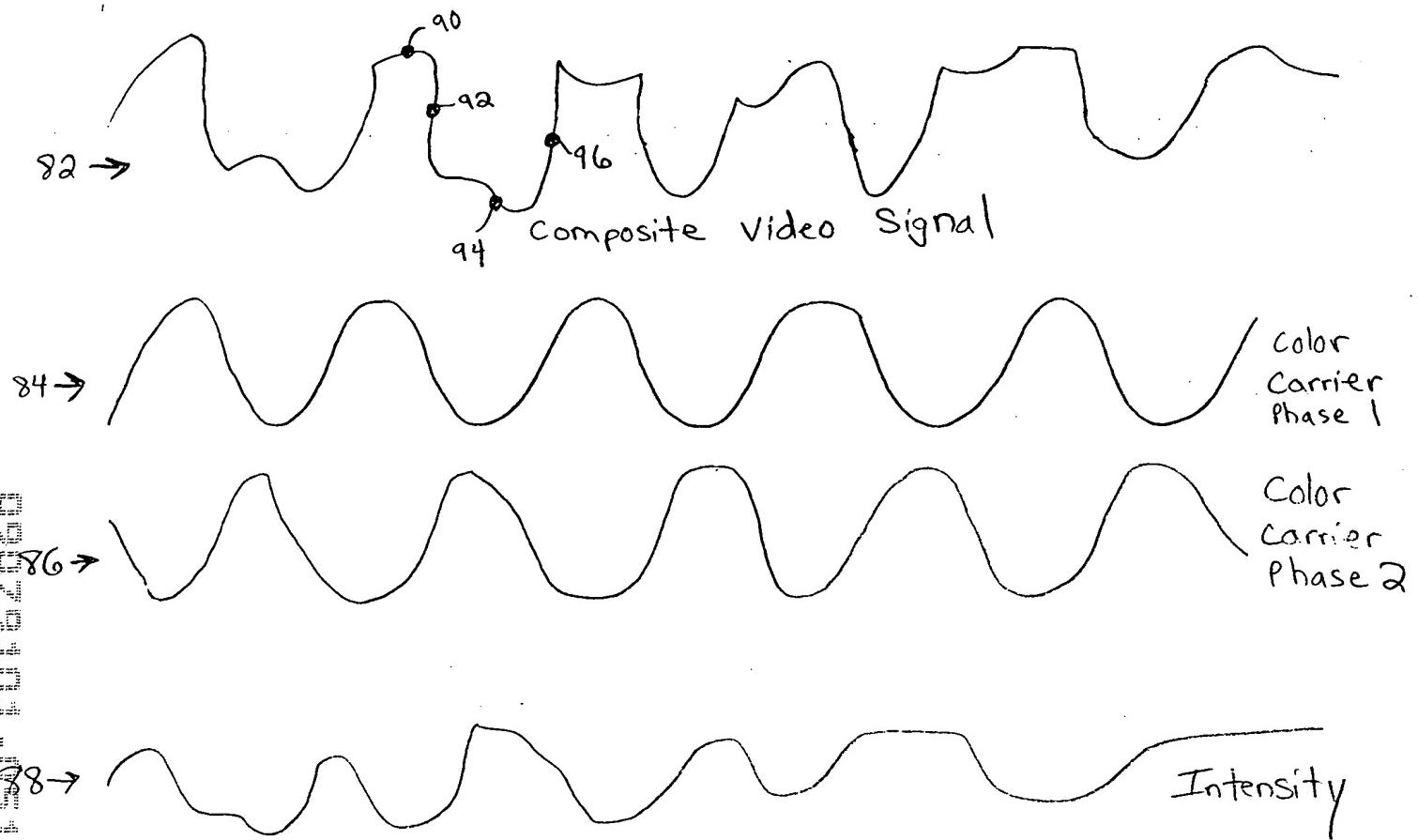


10 1
Fig. 1
(prior art)



↗
50

Fig. 2
(prior art)



↑
80

Fig. 3
(prior art)

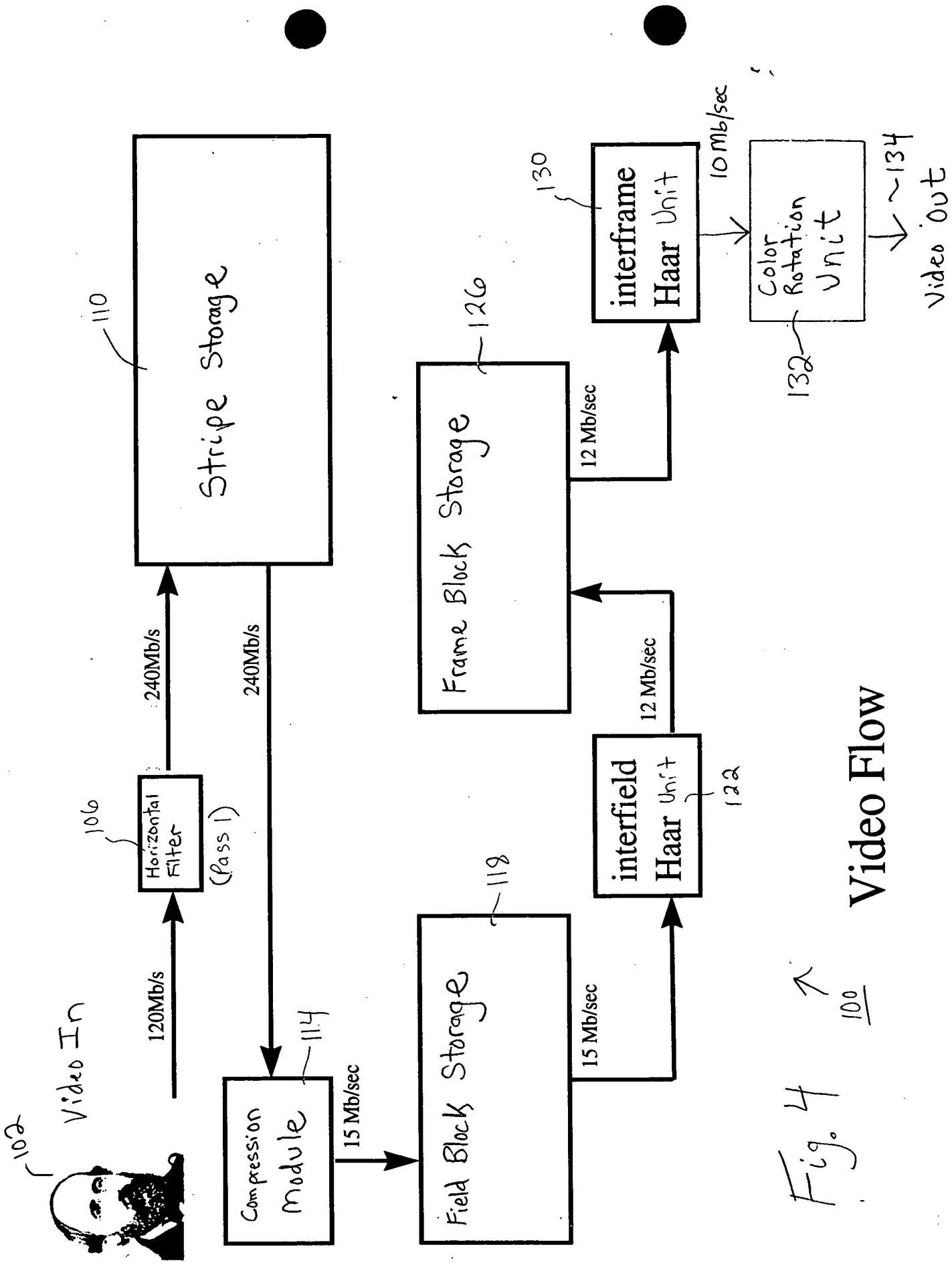
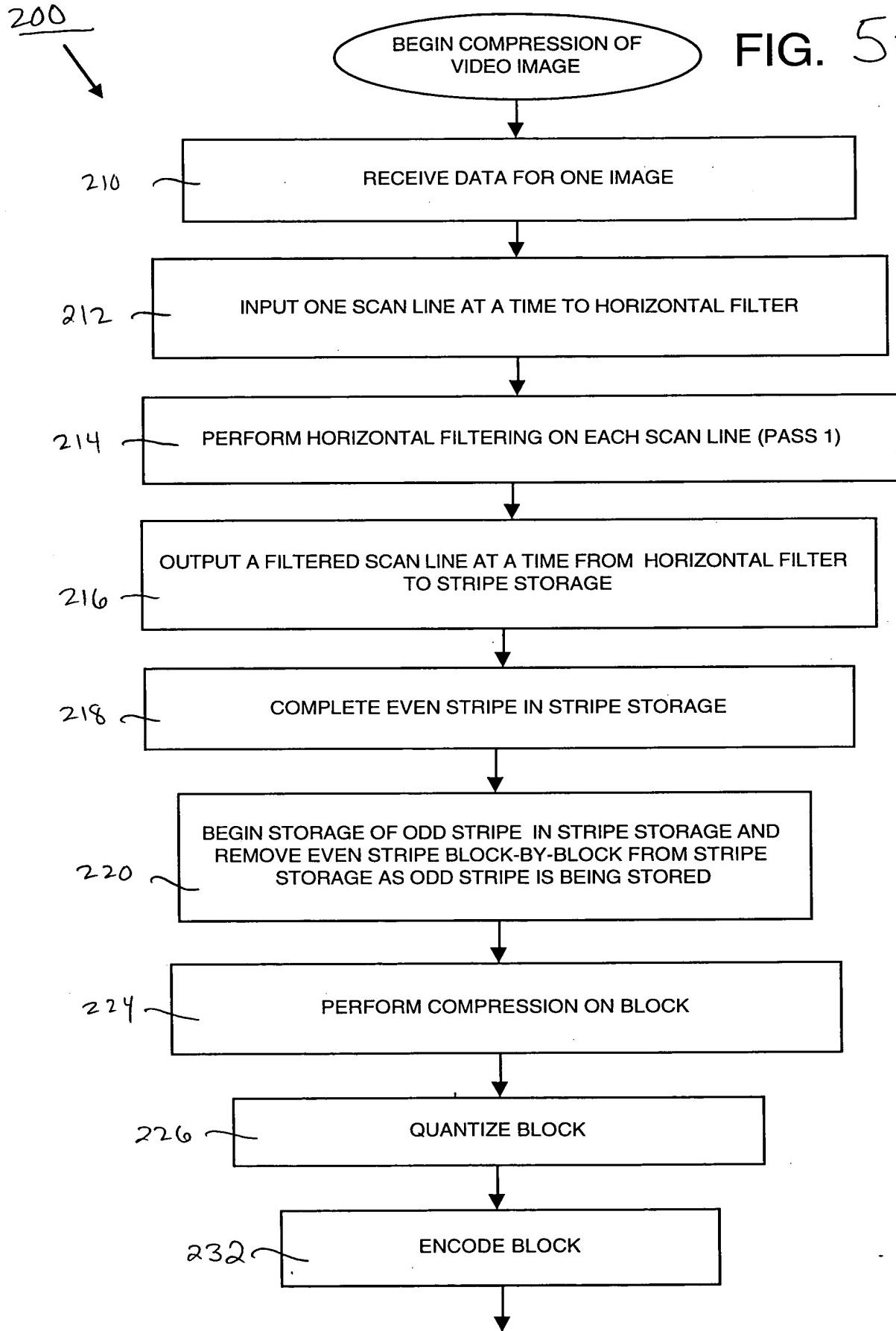
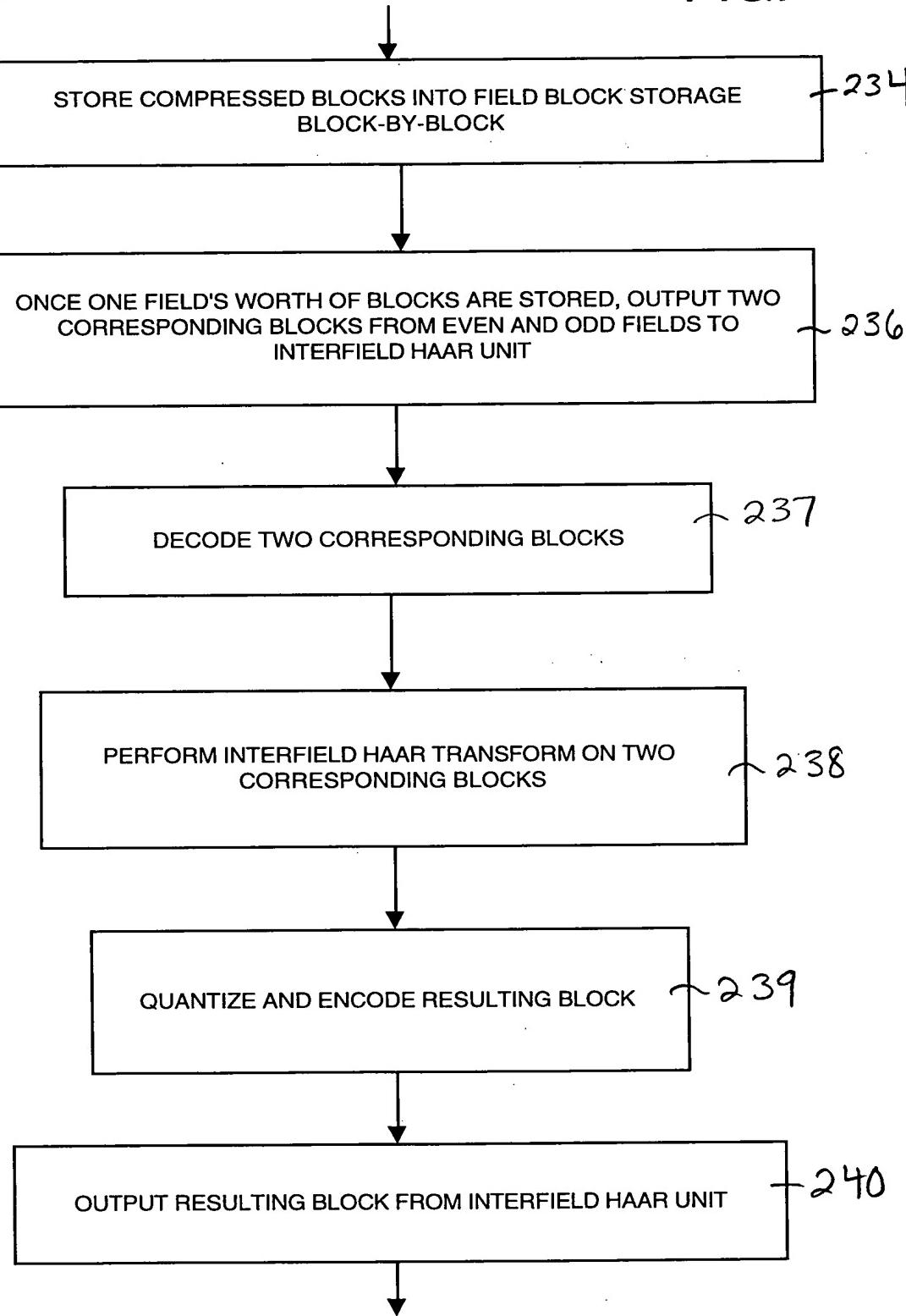


Fig. 4 ↑
100

FIG. 5A



200 ↘ FIG. 5B



200

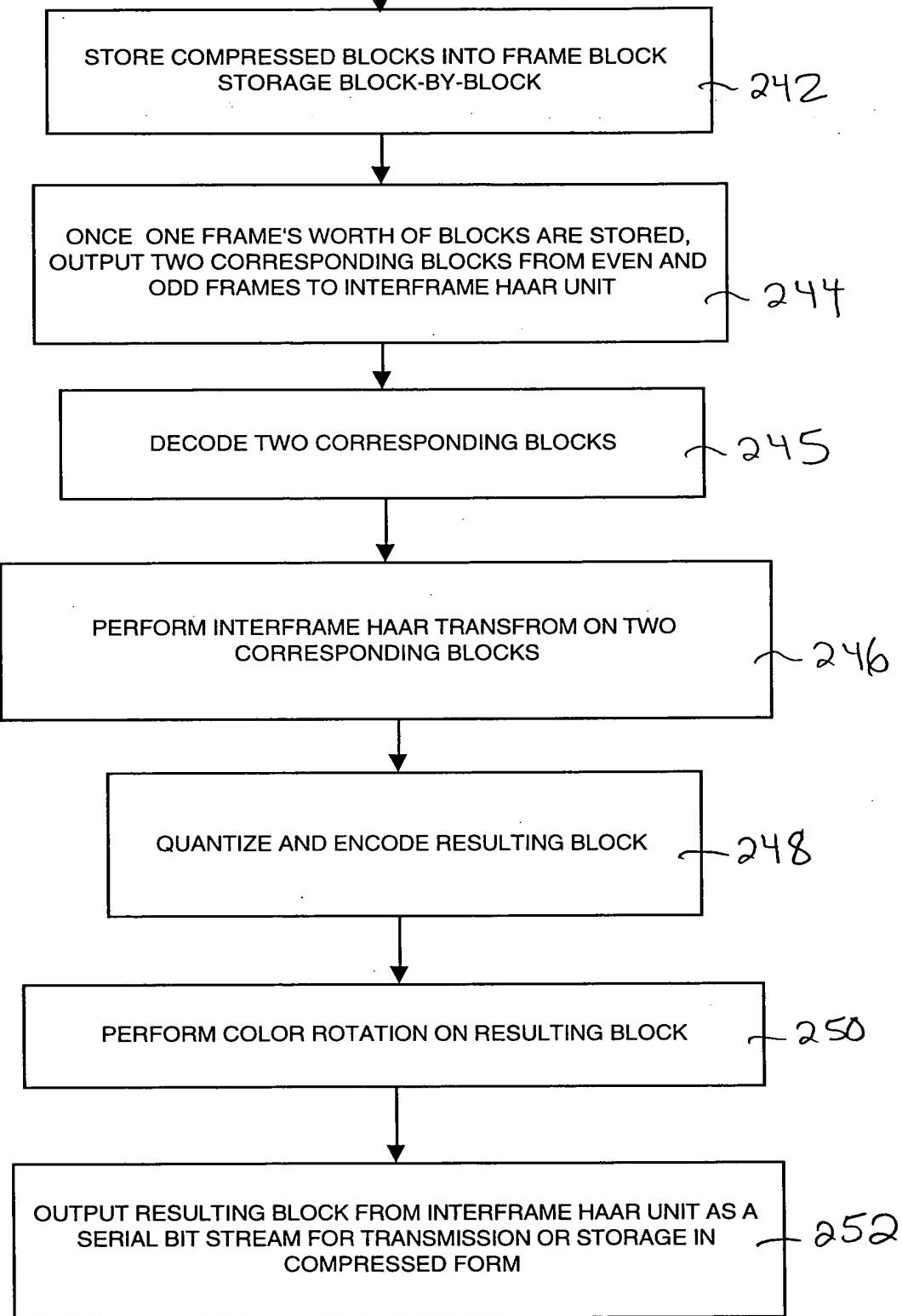


FIG. 5C

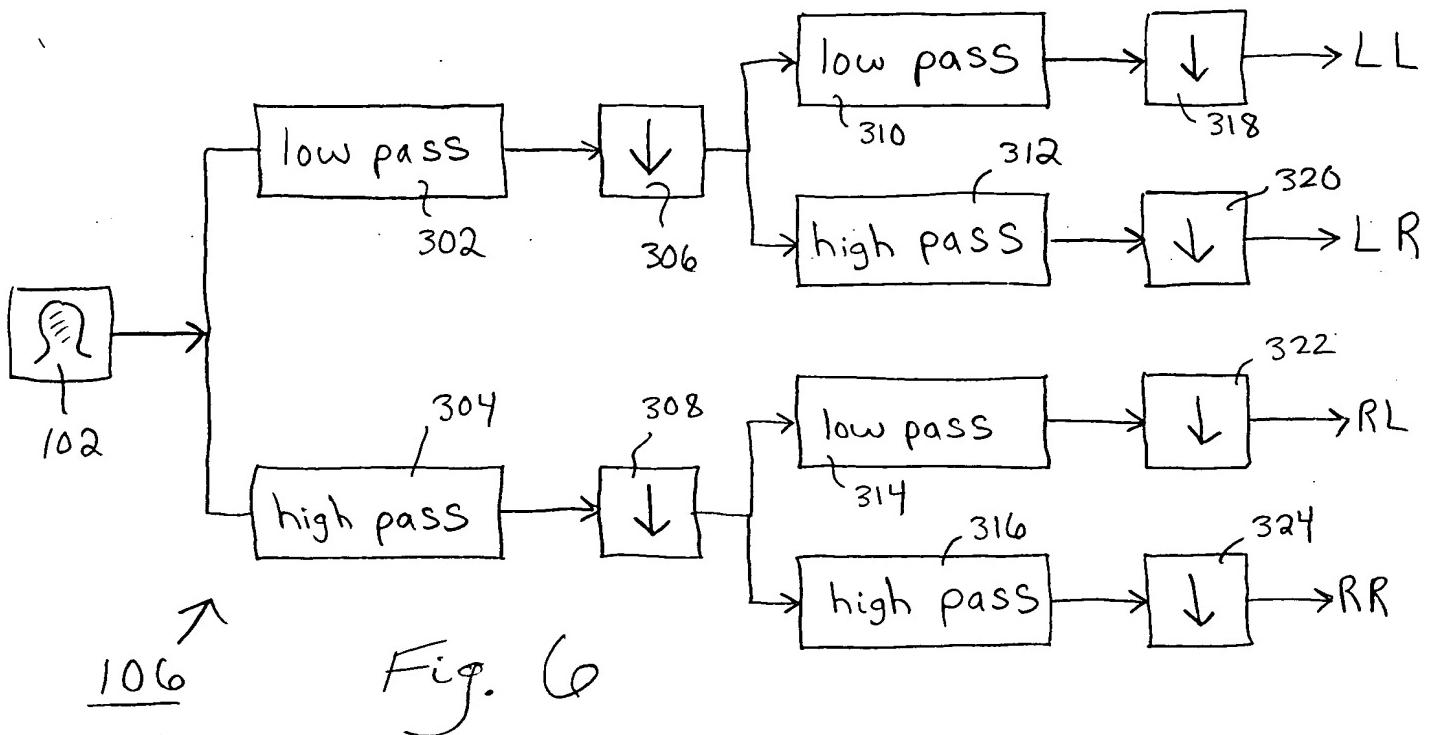


Fig. 6

S52

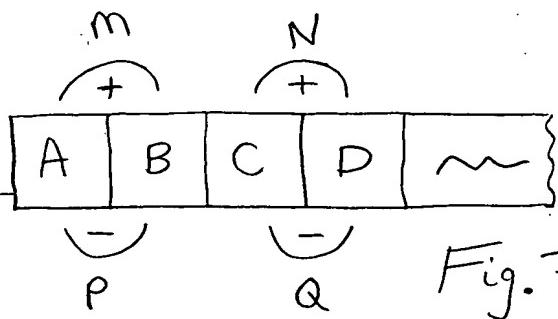


Fig. 7

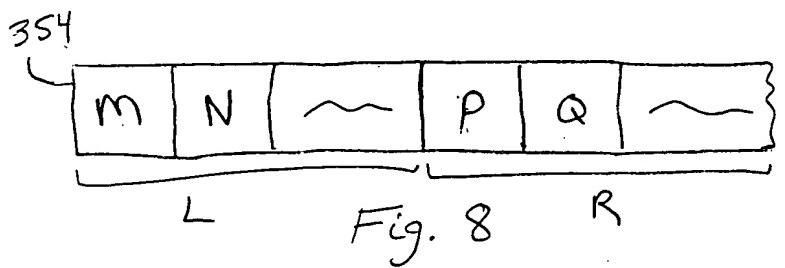


Fig. 8

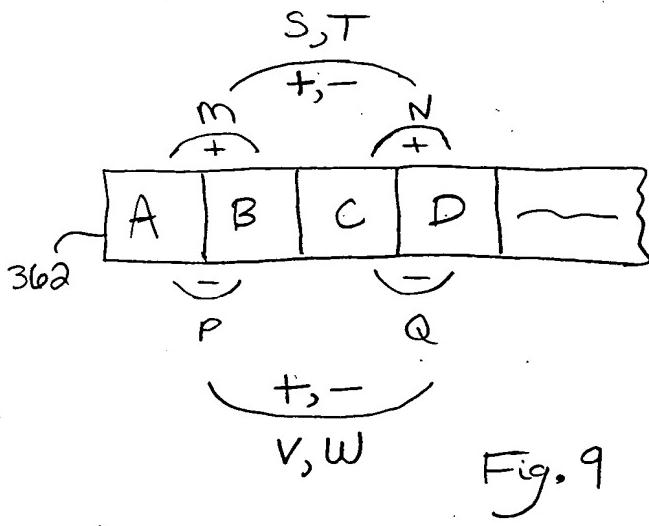


Fig. 9

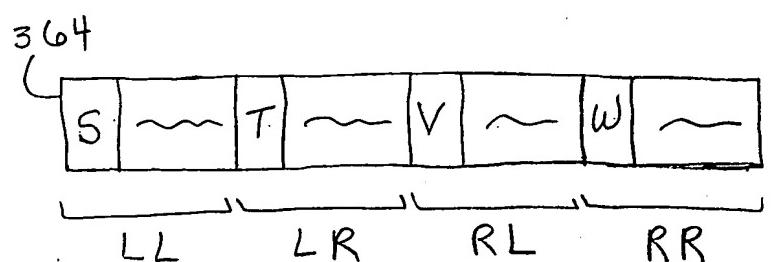


Fig. 10

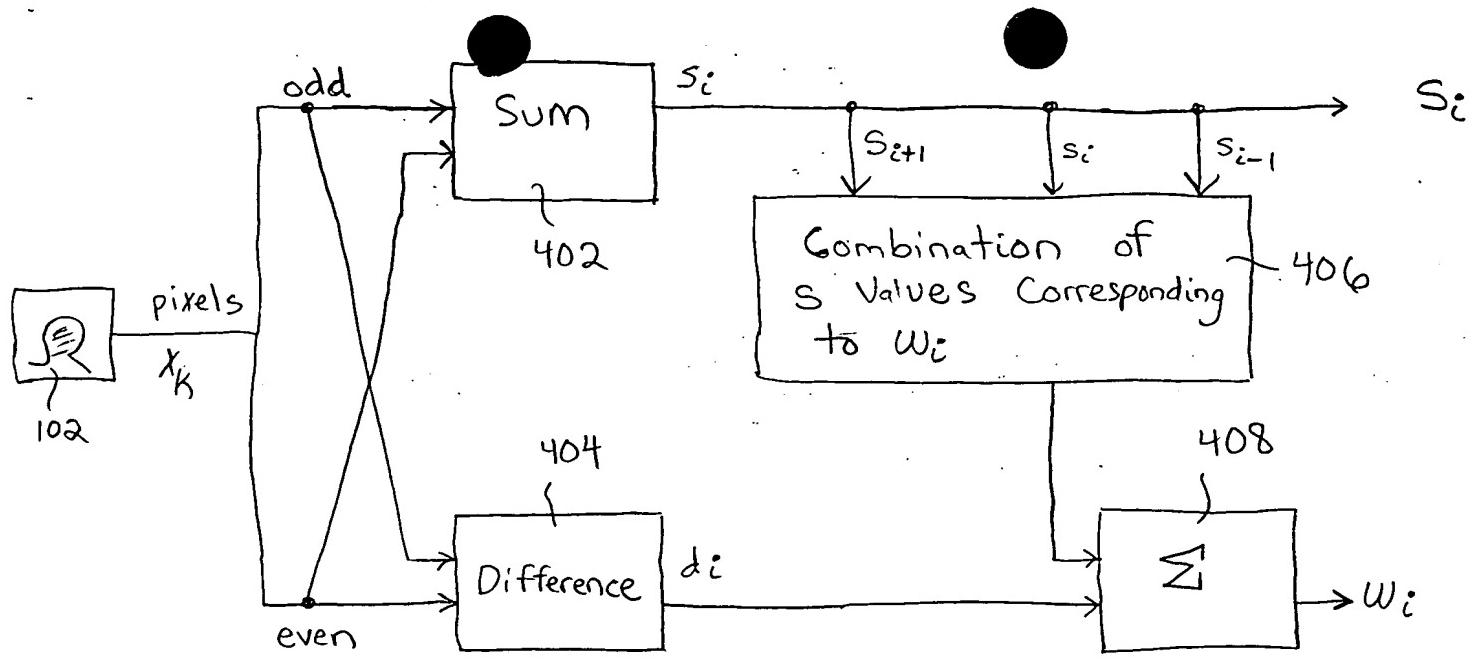


Fig. 11A

106a

$S_0 \quad S_1 \quad S_2 \quad S_3 \quad S_4 \quad S_5 \quad \dots \quad S_{n-4} \quad S_{n-3} \quad S_{n-2} \quad S_{n-1} \leftarrow 410$

w_0	$-\frac{3}{8}$	$\frac{1}{2}$	$-\frac{1}{8}$											$\leftarrow 420$
w_1	$-\frac{1}{8}$	\emptyset	$\frac{1}{8}$											$\leftarrow 422$
w_2		$-\frac{1}{8}$	0	$\frac{1}{8}$										$\leftarrow 424$
w_3			$-\frac{1}{8}$	0	$\frac{1}{8}$									$\leftarrow 426$
\vdots														$\leftarrow 428$
w_{n-3}									$-\frac{1}{8}$	0	$\frac{1}{8}$			$\leftarrow 430$
w_{n-2}										$-\frac{1}{8}$	0	$\frac{1}{8}$		$\leftarrow 432$
w_{n-1}										$\frac{1}{8}$	$-\frac{1}{2}$	$\frac{3}{8}$		$\leftarrow 434$

\uparrow
412

\nwarrow
409

Fig. 11B

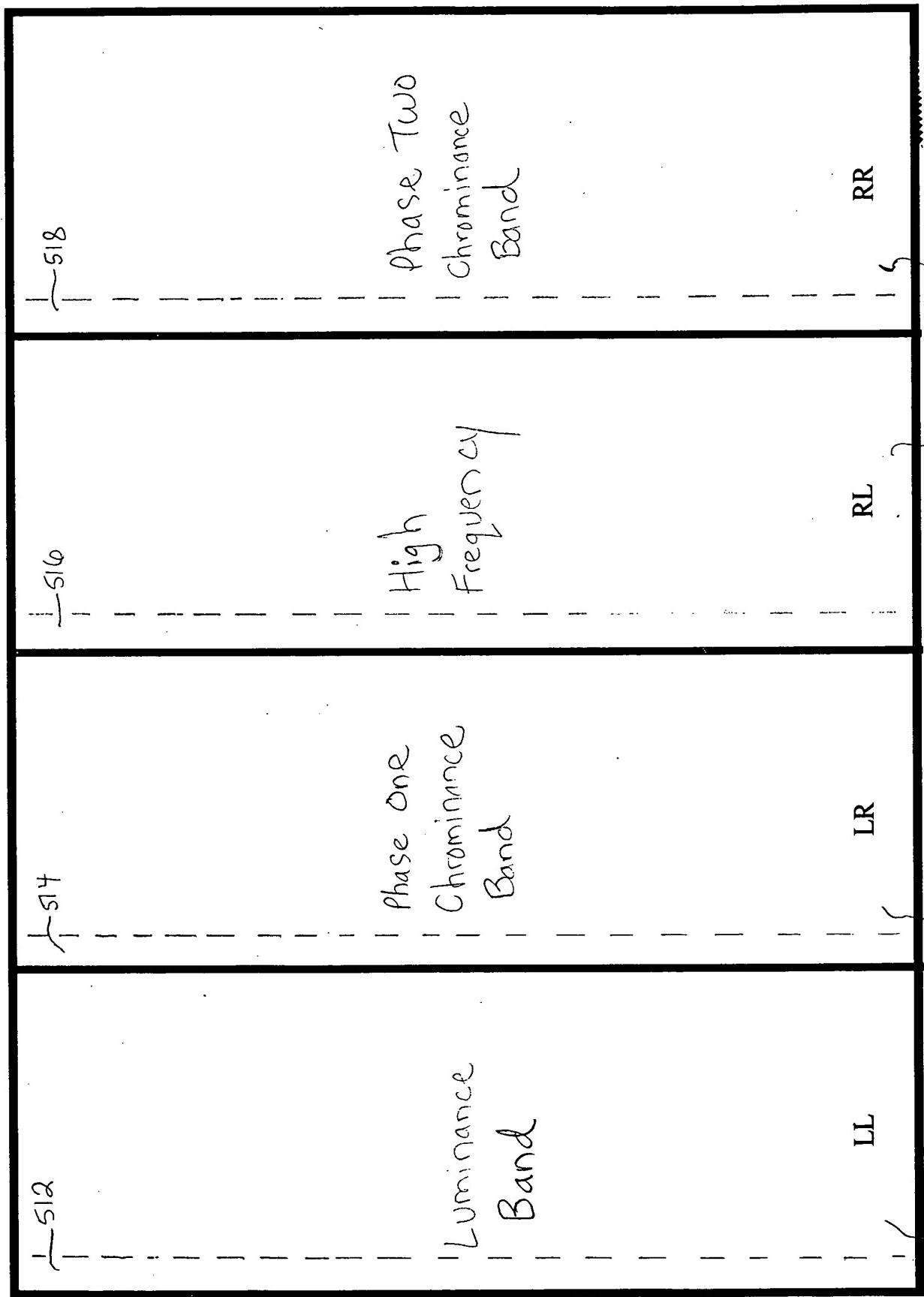


Fig. 12
Stripe After Horizontal Filtering

↗
500

502

504

506

508

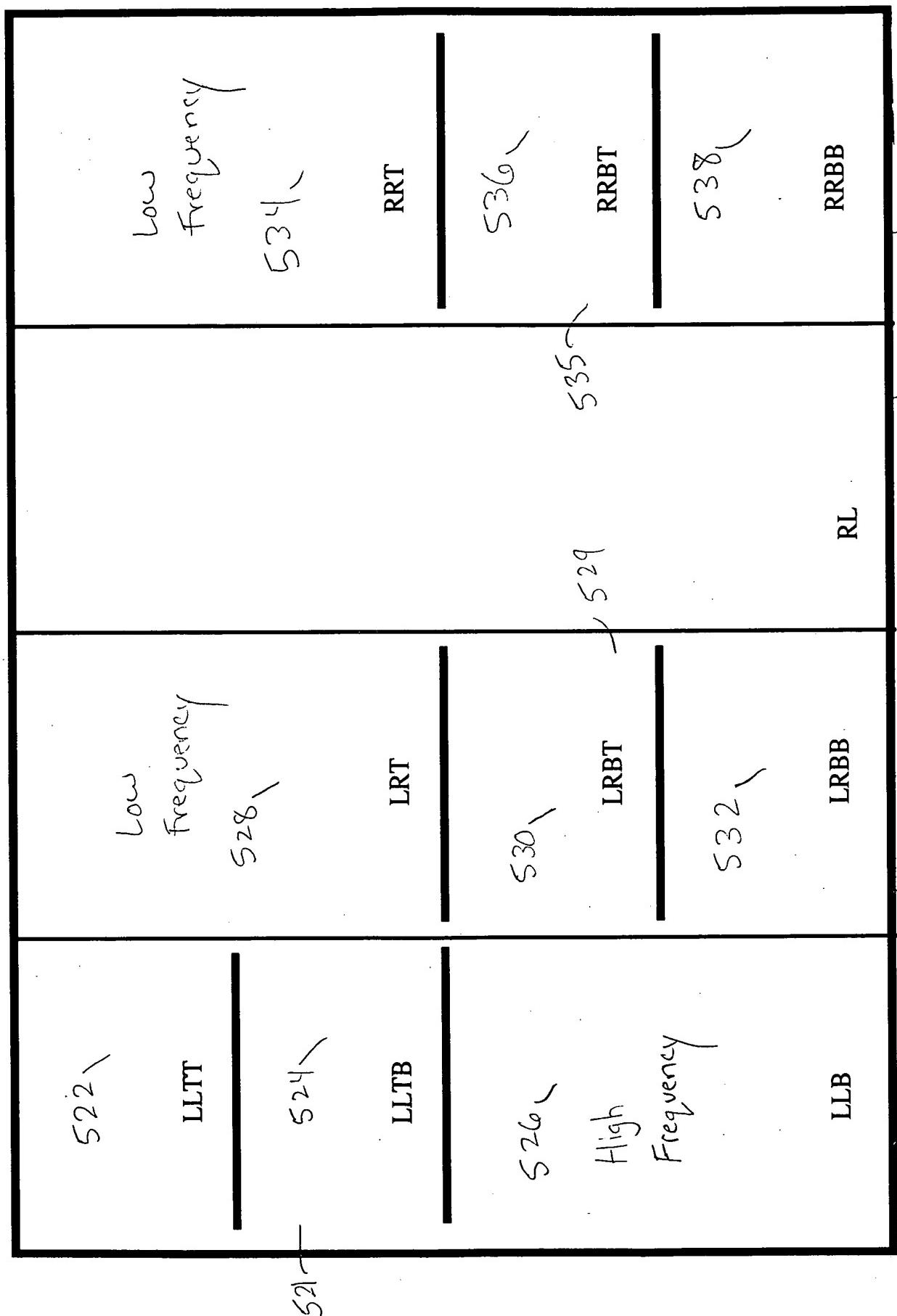


Fig. 13

Blocks After Pass & Filtering

520

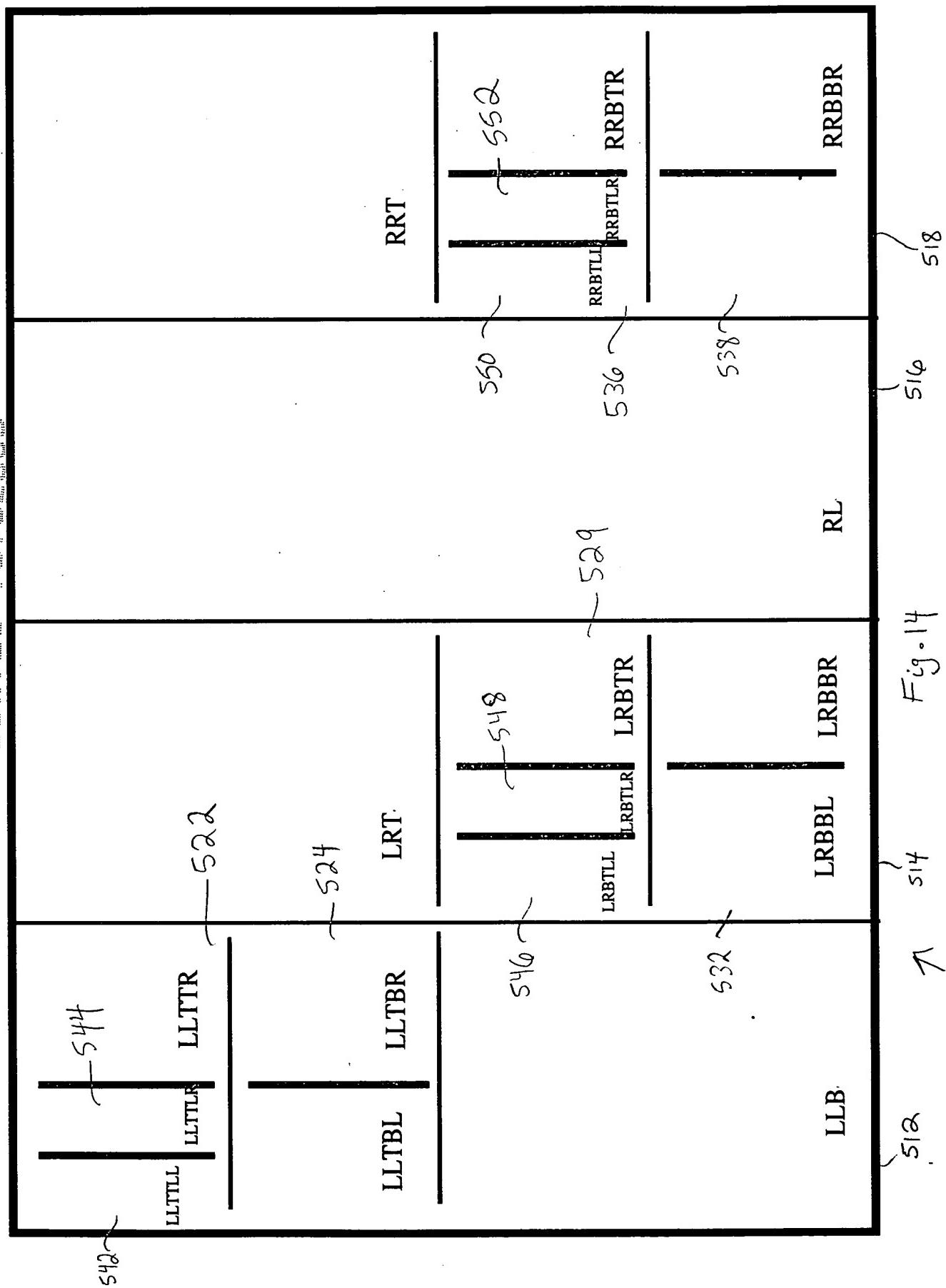


Fig. 14

Blocks After Pass 3 Filtering

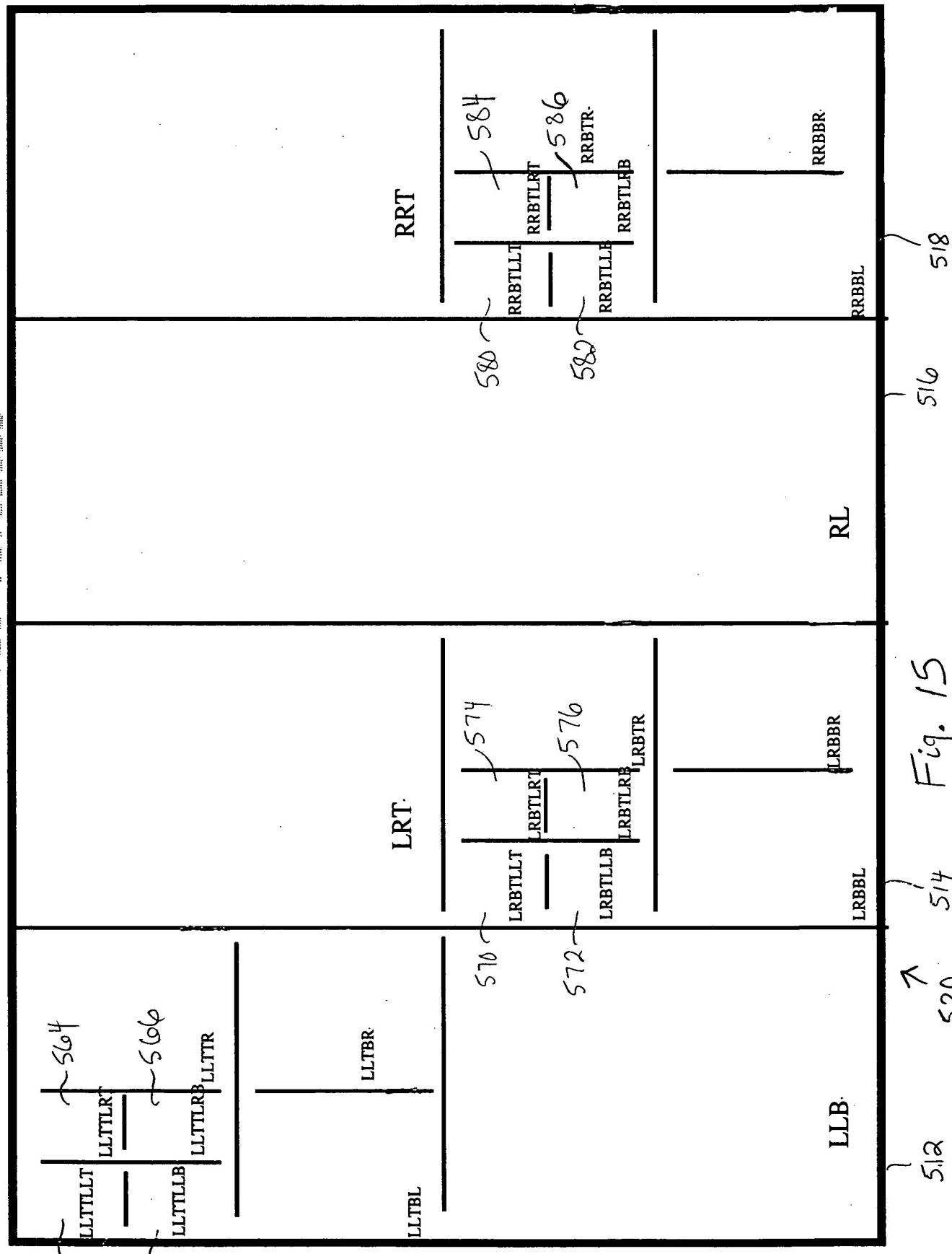


Fig. 15
Block After Pass 4 Filtering

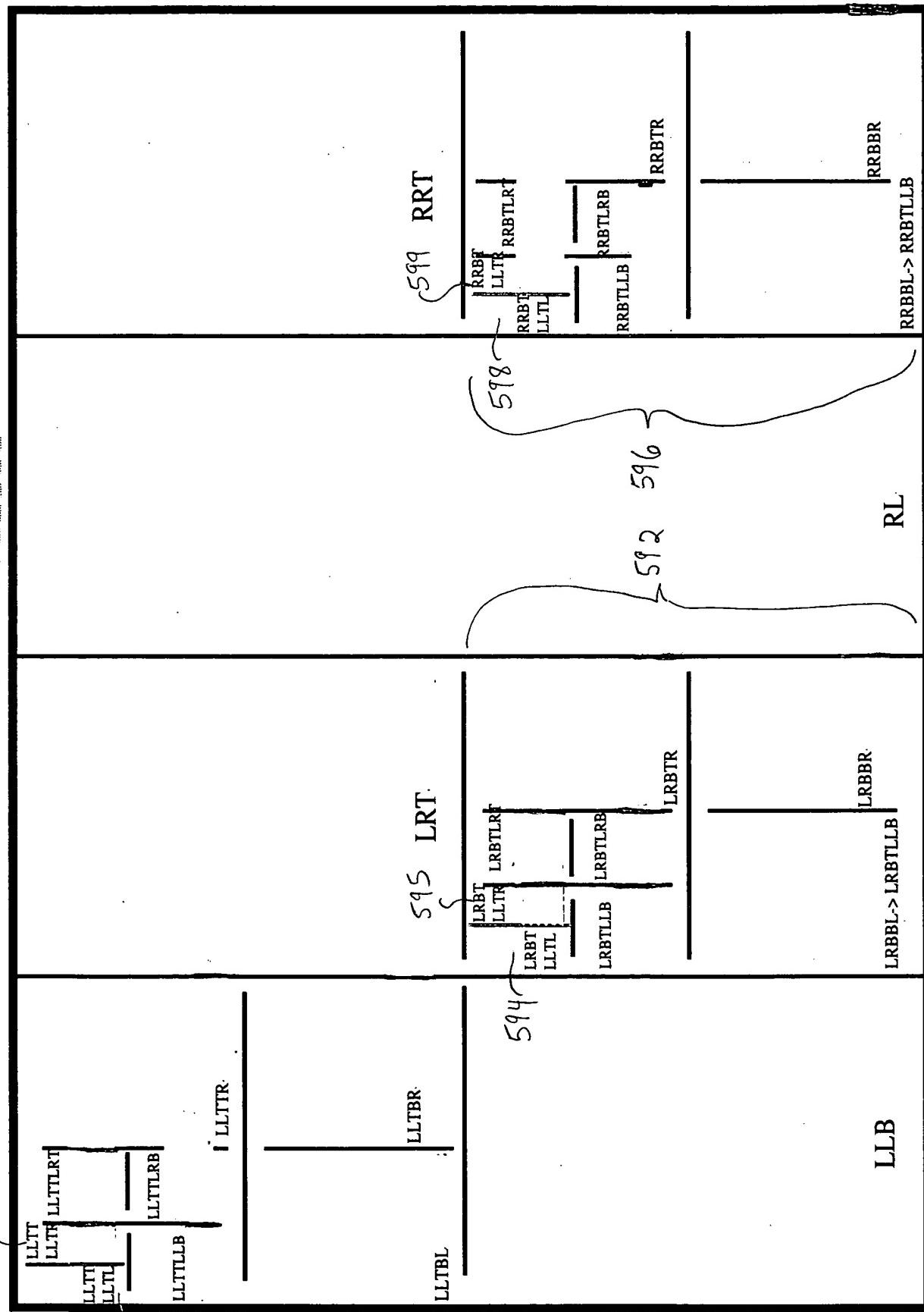
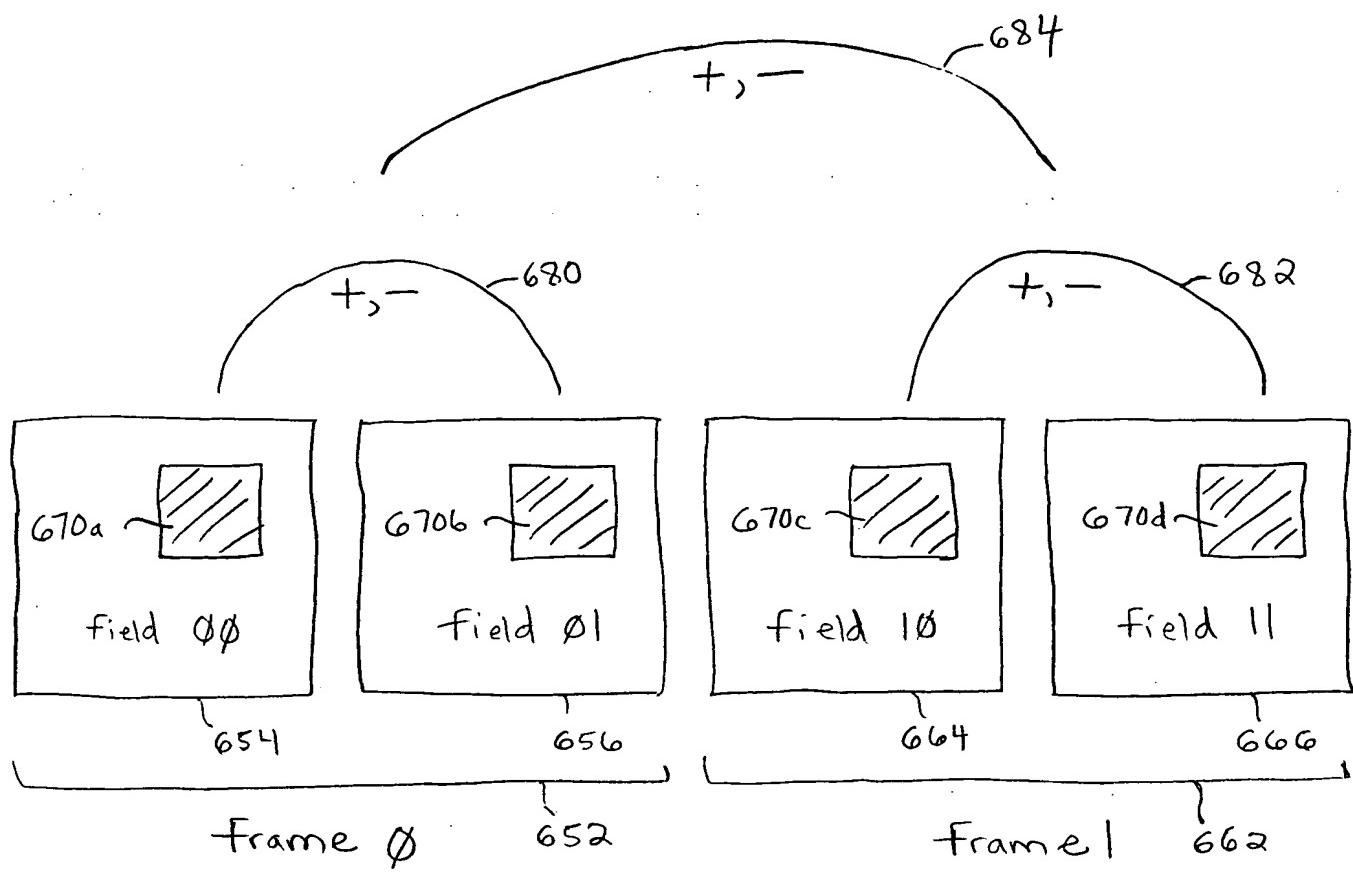


Fig. 16

Blocks After Pass 5 Filtering

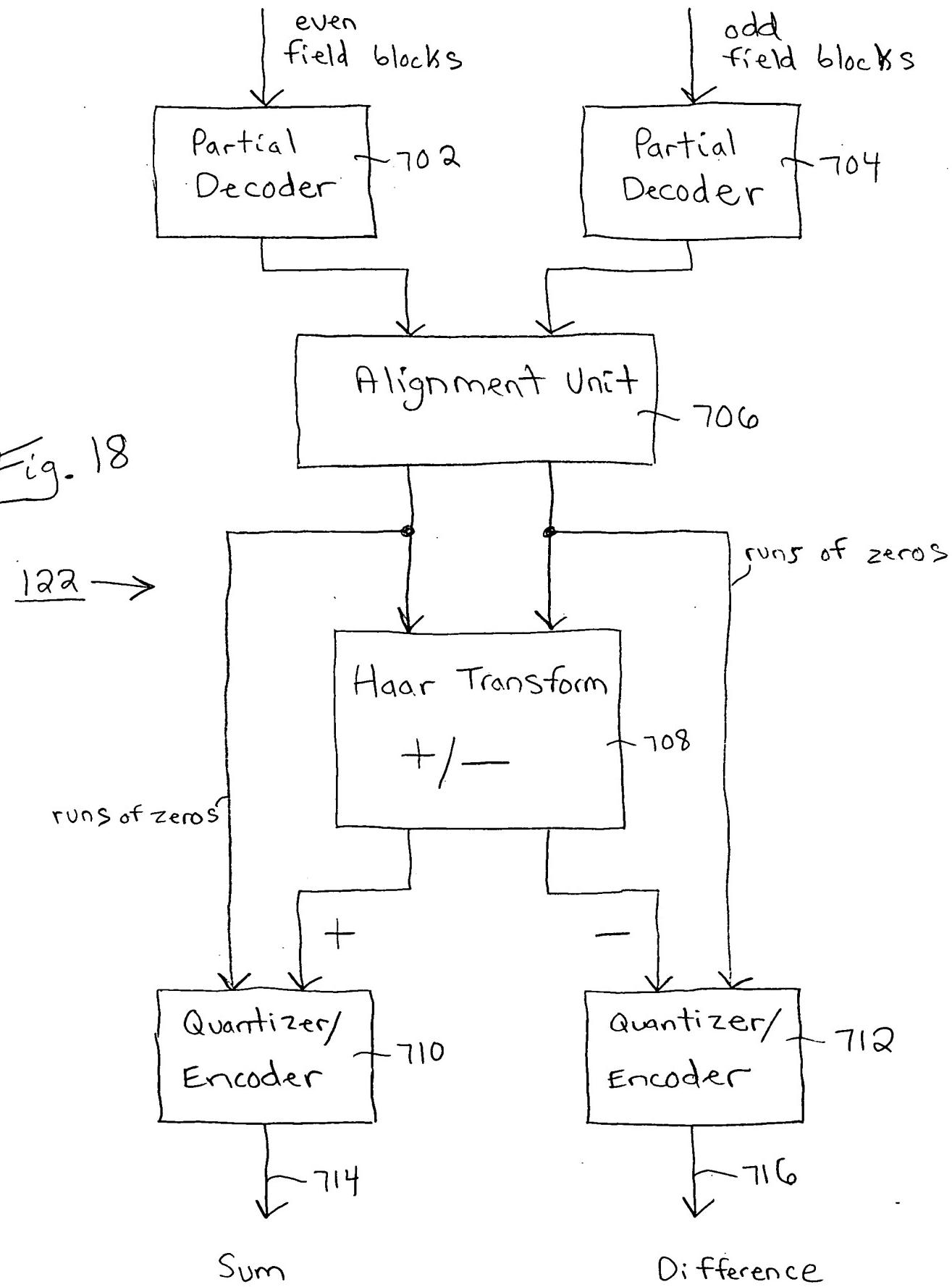
{ 518

516



650 ↗

Fig. 17



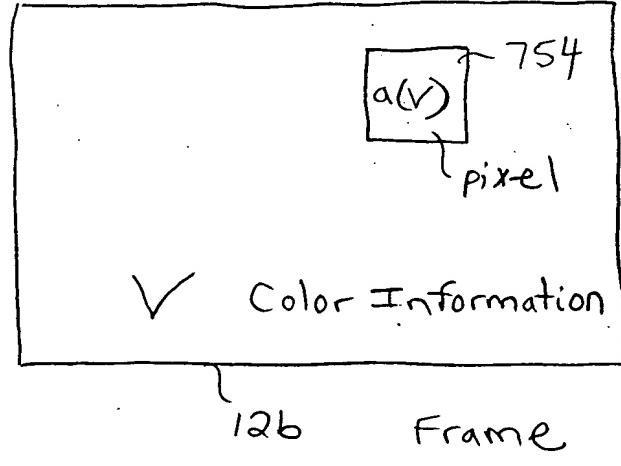
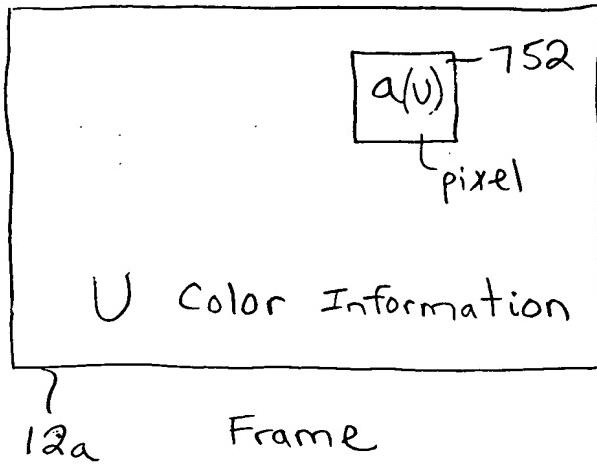
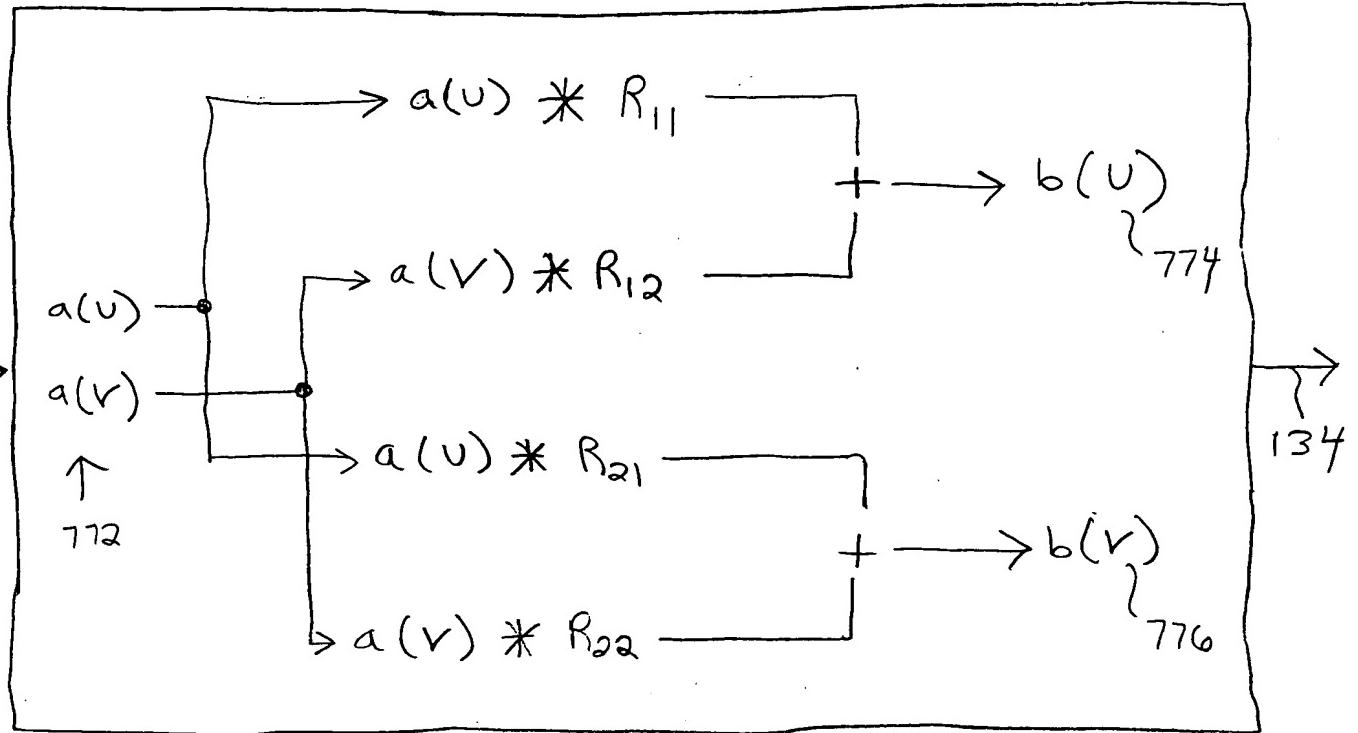


Fig. 19 (prior art)

$$\begin{bmatrix} \text{Rotation} \\ \text{Matrix} \\ R \end{bmatrix}_{762} * \begin{bmatrix} a(u) \\ a(v) \end{bmatrix}_{764} = \begin{bmatrix} b(u) \\ b(v) \end{bmatrix}_{766}$$

760 \nearrow

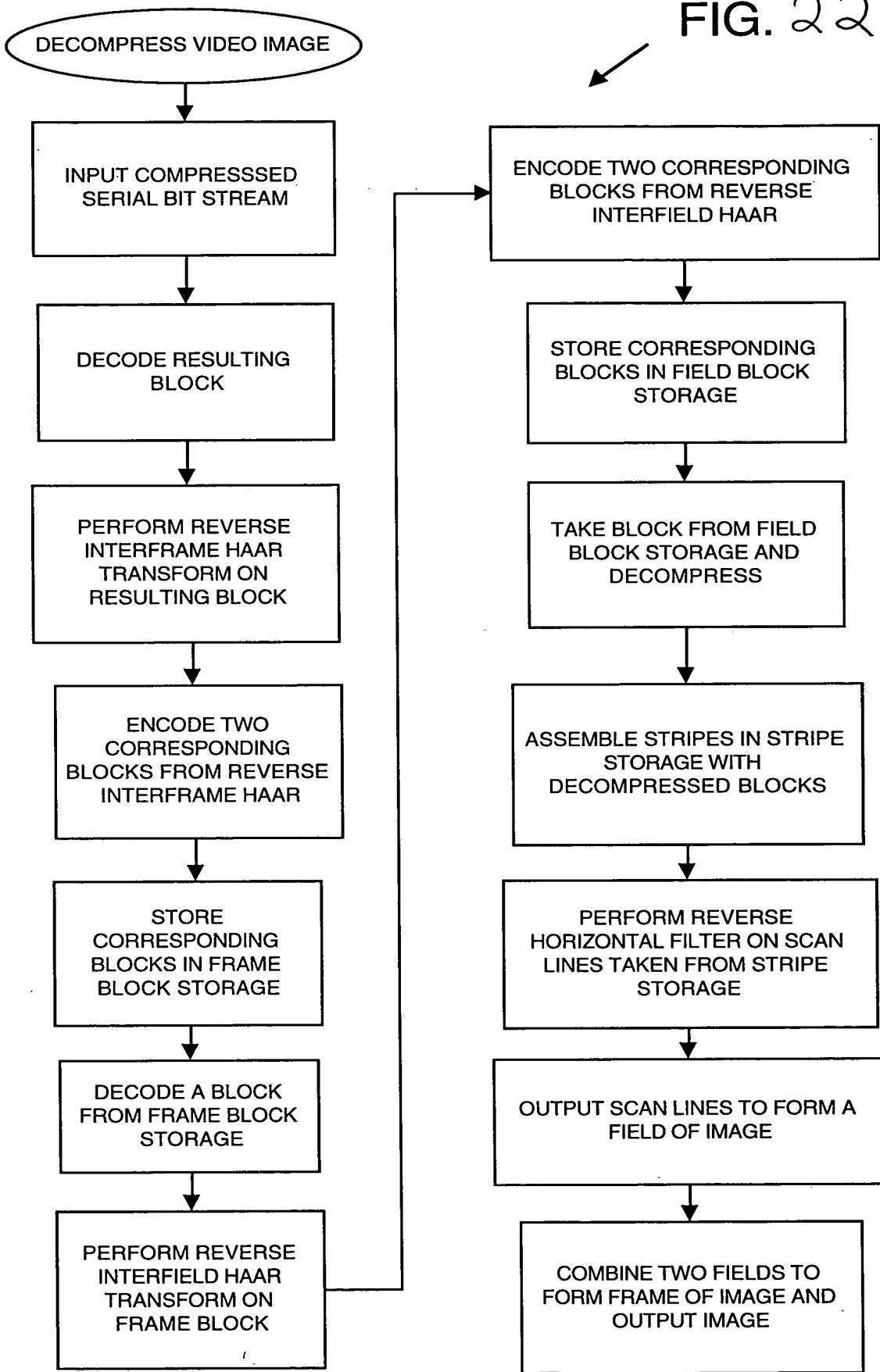
Fig. 20 (prior art)



\uparrow
132

Fig. 21

FIG. 22



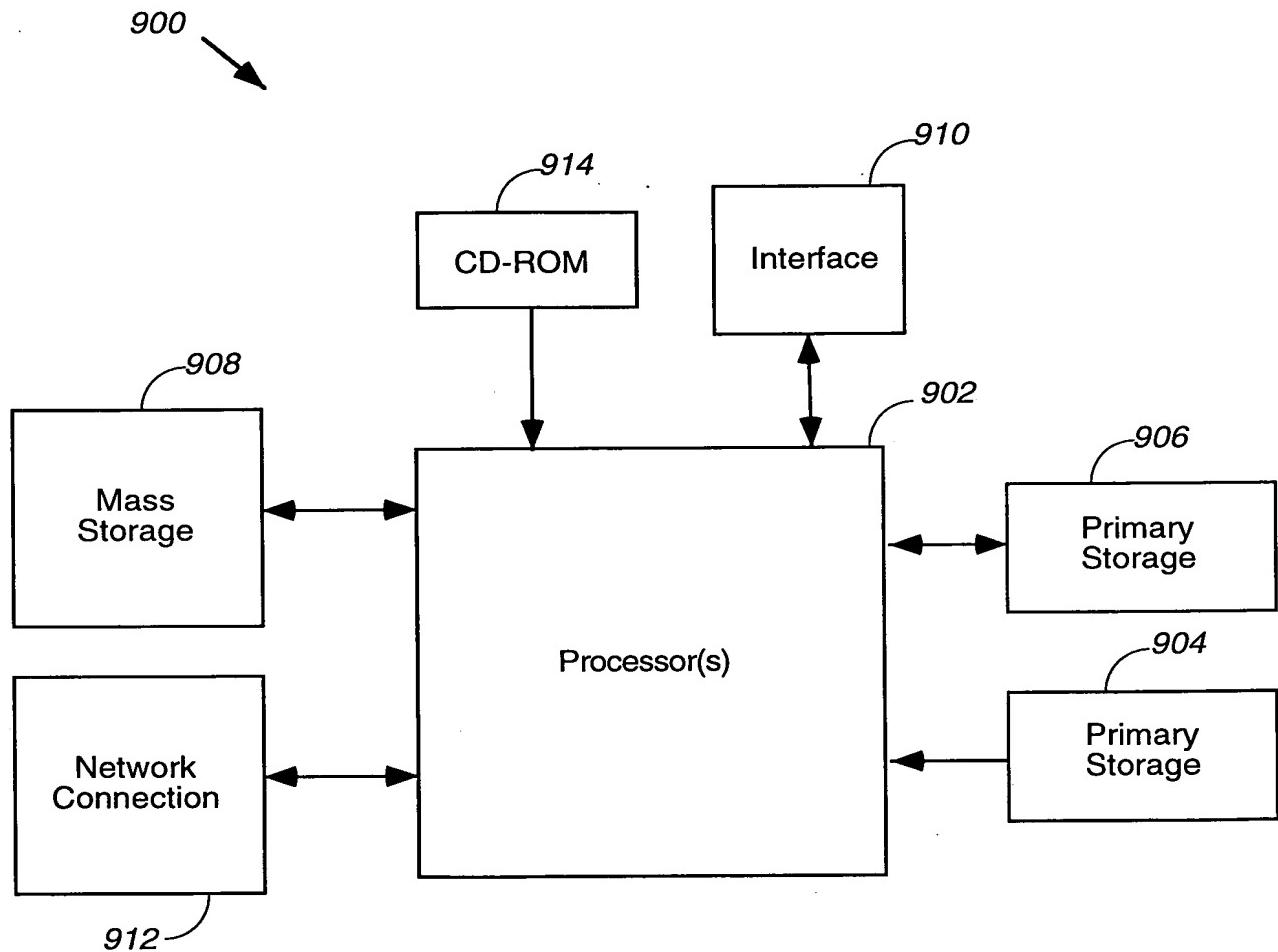


FIG. 23